

SEPARABLE MODULATOR

ABSTRACT

A separable modulator architecture is disclosed. The modulator has a mirror
5 suspended from a flexible layer over a cavity. The flexible layer also forms supports and
support posts for the mirror. An alternative separable modulator architecture has a mirror
suspended over a cavity. The modulator is supported by supports and support posts. The
support posts comprise a flexible layer over support post plugs. A bus structure may be
formed upon the flexible layer arranged over the support posts.